

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference FPAA667PCT	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/IN2005/000127	International filing date (day/month/year) 25/04/2005	(Earliest) Priority Date (day/month/year) 01/07/2004
Applicant ALEMBIC LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

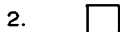
- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



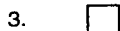
The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).



- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.



2. **Certain claims were found unsearchable** (See Box II).



3. **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. _____



as suggested by the applicant.



as selected by this Authority, because the applicant failed to suggest a figure.



as selected by this Authority, because this figure better characterizes the invention.



- b. none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IN2005/000127A. CLASSIFICATION OF SUBJECT MATTER
C07D277/82

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 886 812 A (GRISS, DECEASED ET AL) 12 December 1989 (1989-12-12) cited in the application examples 2,7	1-32
A	----- SCHNEIDER C S ET AL: "Dopamine autoreceptor agonists: resolution and pharmacological activity of 2,6-diaminotetrahydrobenzothiazole and aminothiazole analogue of apomorphine" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, US, vol. 30, no. 3, March 1987 (1987-03), pages 494-498, XP002186199 ISSN: 0022-2623 cited in the application page 497, column 2 ----- -/--	1-32

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

18 November 2005

Date of mailing of the international search report

29/11/2005

Name and mailing address of the ISA

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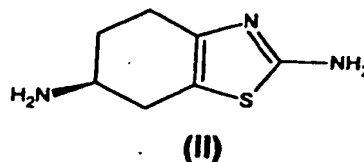
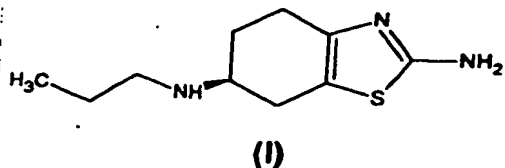
INTERNATIONAL SEARCH REPORT

International application no. **10/588564**

PCT/IN2005/000127

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet) **IP11 Rec'd PCT/PTO 04 AUG 2006**

Improved process for the preparation of the intermediate compound of formula II for formation of pramipexole of formula (I) as well as the biological active tetrahydrobenzothiazole compound of formula (I) and/or its pharmaceutically acceptable salts or solvates.



INTERNATIONAL SEARCH REPORT

10/588564
PCT/IN2005/000127

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT IAP11 Rec'd PCT/PTO 04 AUG 2005

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2004/041797 A (CIPLA LTD; RAO, DHARMARAJ, RAMACHANDRA; KANKAN, RAJENDRA, NARAYANRAO;) 21 May 2004 (2004-05-21) page 2 -----	1-32

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IN2005/000127

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4886812	A	12-12-1989	AU 583874 B2	11-05-1989
			AU 5154485 A	17-07-1986
			BG 62023 B2	30-12-1998
			CA 1263653 A1	05-12-1989
			CS 9104099 A3	16-09-1992
			DK 590285 A	23-06-1986
			EP 0186087 A1	02-07-1986
			ES 8702787 A1	01-04-1987
			ES 8707513 A1	16-10-1987
			ES 8707514 A1	16-10-1987
			ES 8707515 A1	16-10-1987
			FI 855102 A	23-06-1986
			GR 853126 A1	22-04-1986
			HK 78692 A	23-10-1992
			HU 39736 A2	29-10-1986
			IE 58863 B1	17-11-1993
			IL 77415 A	19-03-1990
			KR 9309791 B1	11-10-1993
			LU 90208 A9	06-04-1998
			MX 9202792 A1	30-06-1992
			NL 980002 I1	02-03-1998
			NO 855195 A	23-06-1986
			NZ 214661 A	26-04-1990
			PH 24533 A	03-08-1990
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			BR 0315919 A	20-09-2005
			CA 2505179 A1	21-05-2004
			EP 1562921 A1	17-08-2005
			GB 2394951 A	12-05-2004

INTERNATIONAL SEARCH REPORT

Intern: Application No
PCT/GB 03/04734

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D277/82

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 186 087 A (DR. KARL THOMAE GMBH) 2 July 1986 (1986-07-02) cited in the application the whole document, particularly page 5478, right-hand column, first paragraph ---	1-19
Y	ALLINGER J ET AL: "The conformers of 2-bromocyclohexanone" TETRAHEDRON, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 2, 1958, pages 64-74, XP002253277 ISSN: 0040-4020 the whole document, particularly paragraph bridging pages 71 and 72 --- -/--	1-19

☒ Further documents are listed in the continuation of box C.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *Y* document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

20 January 2004

Date of mailing of the international search report

28/01/2004

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

Intern: Application No

PCT/GB 03/04734

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>ALLINGER N L ET AL: "Conformational analysis. II. The 2-bromo-4-t-butylcyclohexanones" JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, DC, US, vol. 80, no. 20, 20 October 1958 (1958-10-20), pages 5476-5480, XP002253278 ISSN: 0002-7863 the whole document, particularly page 5478, right-hand column, first paragraph</p> <p>-----</p>	1-19

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 03/04734

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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			AT 45735 T	15-09-1989
			AU 583874 B2	11-05-1989
			AU 5154485 A	17-07-1986
			BG 62023 B2	30-12-1998
			BR 1100678 A3	13-10-1999
			CA 1263653 A1	05-12-1989
			CS 9104099 A3	16-09-1992
			DD 242230 A5	21-01-1987
			DE 3572485 D1	28-09-1989
			DK 590285 A	23-06-1986
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			ES 8702787 A1	01-04-1987
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			ZA 8509731 A	26-08-1987